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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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**Complete if Known**

Application Number	10/574,046
Filing Date	1/31/07
First Named Inventor	Dickey
Art Unit	1646
Examiner Name	B. Hissong

Attorney Docket Number 040989/309915

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> ( <i>if known</i> )			
/BH/	25	US-4,956,282	09/11/1990	Goodman <i>et al.</i>	
↓	26	US-5,550,038	08/27/1996	Goodman <i>et al.</i>	
↓	27	US-5,629,175	05/13/1997	Goodman <i>et al.</i>	
↓	28	US-6,096,547	08/01/2000	Goodman <i>et al.</i>	
↓	29	US-6,610,830	08/26/2003	Goeddel <i>et al.</i>	
↓	30	US-6,774,283	08/10/2004	Goodman <i>et al.</i>	
↓	31	US-2003/0167531	09/04/2003	Russell, <i>et al.</i>	
↓	32	US-2004/0219131	11/04/2004	Patten <i>et al.</i>	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )				
/BH/	33	AT 393690 B	11/25/1991	Hoffman La Roche (CH)		
↓	34	EP 0032134 B2	07/15/1981	Weissmann, <i>et al.</i>		
↓	35	EP 0141484 A2	05/15/1985	Weissmann, <i>et al.</i>		
↓	36	EP 0 194 006 A1	09/10/1986	Imperial Chemical Industries PLC		
↓	37	EP 0 256 424 A1	02/24/1988	Hoffmann-La Roche & Co.		
↓	38	WO 01/36001 A2	05/25/2001	Maxygen APS [DK]		
↓	39	WO 03/002152 A2	01/09/2003	Maxygen APS [DK]		
↓	40	WO 2004/046365 A2	06/03/2004	Maxygen Inc.		

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				<i>Application Number</i>	10/574,046
				<i>Filing Date</i>	1/31/07
				<i>First Named Inventor</i>	Dickey
				<i>Art Unit</i>	1646
				<i>Examiner Name</i>	B. Hissong
Sheet	2	of	3	Attorney Docket Number	
040989/309915					

<b>NON-PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/BH/	41	CHANG, et al., "Evolution of a cytokine using DNA family shuffling", <u>Nature Biotech.</u> (1999) 17:793-797			T <sup>2</sup>
	42	DÖBELI, H. et al., "Role of the carboxyl-terminal sequence on the biological activity of human immune interferon (IFN-Gamma)," <u>Journal of Biotechnology</u> , 1988, Vol. 7(3), pp. 199-216.			
	43	HORISBERGER, M. et al., "Interferon-Alpha Hybrids," <u>Pharmacology &amp; Therapeutics</u> , 1995, Vol. 66(3), pp. 507-534.			
	44	HOUGHTON, "Human Interferon Gene Sequences," <u>Nature</u> , 1980, Vol. 285(5766), pp. 536			
	45	MANTEI, et al., "The nucleotide sequence of a cloned human leukocyte interferon cDNA", <u>Gene</u> (1980) 10:1-10			
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/BH/	47	NACHEVA, G. et al., "Human interferon gamma: significance of the C-terminal flexible domain for its biological activity," <u>Archives of Biochemistry and Biophysics</u> , 2003, Vol. 413(1), pp. 91-98l.			T <sup>2</sup>
	48	NAGATA, et al., "The structure of one of the eight or more distinct chromosomal genes for human intereferon-alpha", <u>Nature</u> (1980) 287(5781):401-408			
	49	NAGATA, et al., "Synthesis in E. coli of a polypeptide with human leukocyte interferon activity", <u>Chemical Abstracts</u> (1980) 93:479, Abstract No. 41286m			
	50	NAGATA, et al., "Synthesis in E. coli of a polypeptide with human leukocyte interferon activity", <u>Nature</u> (1980) 284:316-320			
	51	OZES, et al., "A comparison of Interferon-Con1 with natural recombinant interferons-alpha: antiviral, antiproliferative, and natural killer-inducing activities", <u>J. Interferon Res.</u> (1992) 12:55-59			
	52	PESTKA and LANGER, "Interferons and their actions", <u>Ann. Rev. Biochem.</u> (1987) 56:727-77			
↓	53	PLATIS and FOSTER, "High yield expression, refolding, and characterization of recombinant interferon α2/α8 hybrids in <i>Escherichia coli</i> ", <u>Protein Expression and Purification</u> (2003) 31:222-230			

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/BH/	54	RUBINSTEIN, et al., "Human leukocyte interferon: isolation and characterization of several molecular forms", <u>Arch. of Biochem. and Biophysics</u> (1981) 210:307-318		
	55	RUBINSTEIN, et al., "Human leukocyte interferon purified to homogeneity", <u>Science</u> (1978) 202(4374):1289-1290		
	56	RUBINSTEIN, et al., "Human leukocyte interferon: production, purification to homogeneity, and initial characterization", <u>Proc. Natl. Acad. Sci. USA</u> (1979) 76(2):640-644		
	57	SCHILLIBERG, et al., "Review – Molecular Farming of Recombinant Antibodies in Plants," (2003) <u>CMLA, Cell. Mol. Life Sci.</u> 60:433-445		
	58	STREULI, et al., "At least three human type alpha interferons: structure of alpha 2", <u>Science</u> (1980) 209(4463):1343-1347		
	59	SUGIYAMA, et al., "Expression of Human Interferon-a2 in Sf9 Cells," <u>Dur. J. Biochem.</u> (1993) 271:921-927		
	60	TANIGUCHI, et al., "Expression of the Human Fibroblast Interferon Gene in Escherichia coli", <u>Proc. Natl. Acad. Sci. USA</u> (1980) 77(9):5230-5233		
	61	TANIGUCHI, et al., "Human leukocyte and fibroblast interferons are structurally related", <u>Nature</u> (1980) 285:547-549		
	62	TORMA and PAUCKER, "Purification and characterization of human leukocyte interferon components", <u>J. Biol. Chem.</u> (1976) 251(16):4810-4816		
	63	WEISSMANN, "The cloning of interferon and other mistakes", <u>Interferon</u> (1981) 3:101-134		
	64	ZOON, et al., "Amino terminal sequence of the major component of human lymphoblastoid interferon", <u>Science</u> (1980) 207(4430):527-528		
	65	ZOON, et al., "Purification and partial characterization of human lymphoblastoid interferon", <u>Proc. Natl. Acad. Sci. USA</u> (1979) 76(11):5601-5605		
	66	ZOON, et al., "Human lymphoblastoid interferon: purification, amino acid composition, and amino-terminal sequence", <u>Ann. NY Acad. Sci.</u> (1980) 350:390-398		
▼	67	ZHU, et al., "Expression of Human a-Interferon cDNA in Transgenic Rice Plants," <u>Plant Cell, Tissue and Organ Culture</u> (1994) 36:197-204		

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